

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
CORROSION CONTROL TEST STATION FIELD DATA SURVEY FORM

Cap Proj No : W-8169	Date Surveyed : 10/09/96
Contract # : 44-3327	Surveyed by : R. Waldner/N. Powe
Location : Timbers at Troy Golf Course	Pipe Type : Ductile Iron
T/S Type : ST/Anode	Pipe Size : 36"
T/S Number : 21	ADC Map # : 17
Block Number : B07	Tax Map Number :

TEST STATION CONDITION

Test Box : CP Flush Mounted; Water in test station  
Terminal Board : Not present  
Wires : Zinc lead wire is too short  
Other : Concrete pad in good condition

SURVEY DATA

Test Wire Size/Description	Color	P/Cu-CuSO4 (volts)		P/Zn (volts)		I anode (mA)
		"On"	"Off"	"On"	"Off"	
#10	Black	-1.004	-.658	-.033	.504	
#10 (Anode)	Red	-1.015	-1.700	-.041	-.534	222.000
#10	Black	-1.016	-.659	-.043	.509	
#12 (Zn)	Green	-.961	-1.165			

P/Cu-CuSO4 = Pipe to Copper-Copper Sulphate Reference Cell  
P/Zn = Pipe to Zinc Permanent Reference Cell  
"ON" = Reading with Anode(s) Connected  
"OFF" = Reading with Anode(s) Disconnected  
I anode = Current Output of Anodes

IR Drop Calibration

$$K = \frac{\text{Delta I (A)}}{\text{Delta E (mV)}} = \frac{\quad}{\quad} = \quad$$

Direction :

REPAIRS MADE

Test Box: N/A  
Wires: N/A  
Board: N/A  
Other: N/A  
Comments: None